

Water-Data Report NV-2005

393821119421404 Local number 085 N21 E20 35DCBA5 LYSIMETER 2 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'21.2", long 119°42'14.2" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 5 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1000	Interstitial water	907	101	4.68	3.46	.085	10.2
05...	1015	Replicate	861	103	4.67	3.46	.085	10.2
Nov								
02...	1036	Interstitial water	990	106	11.4	1.95	.029	15.2
Dec								
07...	1116	Interstitial water	887	94.8	13.5	.22	.009	16.4
Mar								
01...	1134	Interstitial water	1,250	112	25.4	.42	<.008	27.1
01...	1136	Replicate	1,240	113	26.3	.45	<.008	27.1
Apr								
05...	1225	Interstitial water	1,250	114	31.5	.36	.013	32.5
May								
04...	1218	Interstitial water	1,190	119	39.5	.36	.019	43.1
Jun								
01...	1234	Interstitial water	1,370	111	43.6	.49	.027	49.1
Jul								
06...	1128	Interstitial water	1,340	110	46.6	.50	.028	50.1
Aug								
02...	1144	Interstitial water	1,300	114	50.4	.55	.029	58.6
Sep								
07...	0905	Interstitial water	1,220	124	51.6	.76	.052	54.2

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Nov							
01...	1050	Interstitial water	--	13.5	30.0	3.83	43.9
29...	0902	Interstitial water	--	13.2	13.8	3.85	28.0
Dec							
21...	1435	Interstitial water	125	40.3	2.92	.056	46.0